

Debate Conference 2006

Utah's Energy Future

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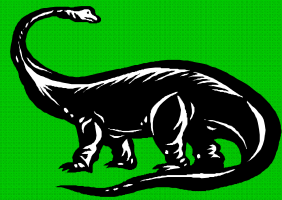
What does the Energy Advisor DO?

- Develops State Energy Policy
- Informs the Governor on Energy Matters
- Tracks Important Energy Developments
- Promotes Responsible Use of Energy
- Promotes Responsible Energy Development
- Educates the Public

Where does energy come from?

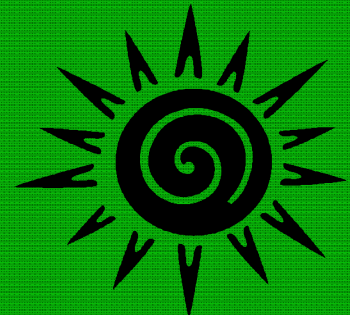
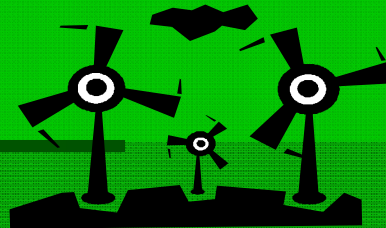
- Fossil Fuels (Non-renewable)

- ▮ Oil
- ▮ Coal
- ▮ Natural Gas



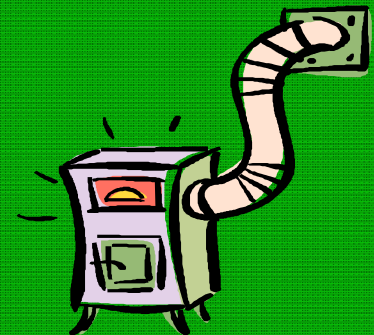
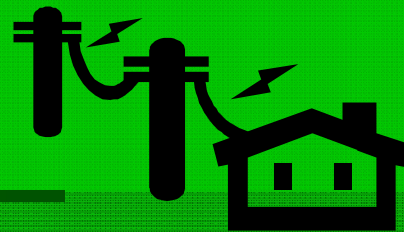
- Renewables

- ▮ Wind
- ▮ Water
- ▮ Trees
- ▮ Sun



How do we use energy?

- Gasoline in Cars
- Lighting
- Computers
- Televisions
- Appliances
- Heating
- Ipods!



What does energy cost today?

- Gasoline costs about \$2.15/gallon today
 - ▮ Some cars use more gas than others
- Natural gas cost for an average home is about \$110 a month
 - ▮ But the more you use the more you pay
- Electricity costs about \$.07 a Kwh
 - An average home uses about 1000 Kwh a month
 - Price depends on where the energy comes from

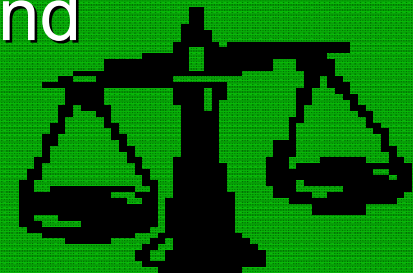
Do we need different energy sources?

- YES!

- Different sources have different prices
- Sources differ in their ability to produce “useable energy”
- Some sources can be used up
- They differ in the impact on the environment

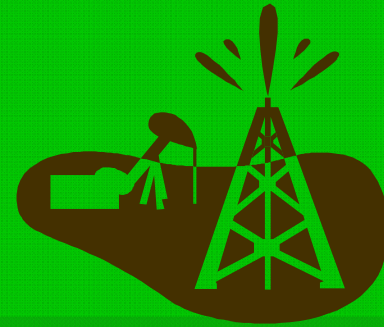
- Diversity gives us Balance

- Lower prices which helps families and businesses
- Better reliability



What are Utah's resources?

- Coal
- Wind
- Oil
- Natural Gas
- Solar
- YOU!



What can you do?

- You play a big role in Utah's energy future
 - By using energy wisely, you can make a difference
- At home
 - Turn off lights
 - Turn down the thermostat
 - Take shorter showers
 - Don't leave on TVs, computers, and appliances
- On the Road
 - Combine trips
 - Use public transportation

Things to Think About

- Should we be careful in how we use energy?
- Is it “OK” to use up non-renewable resources today?
- Will we always have “enough?”
- Should we develop all our resources or just some?